CALDERA GRAPHICS

Installation Manual

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Introduction

Congratulations on acquiring your new Caldera Graphics Raster Image Processing (RIP), imaging and scan-to-print solution. This manual is designed to take you through the installation process, whether it is for an initial installation or simply for an update.

NOTE: THE PROCEDURES DESCRIBED IN THIS MANUAL ARE EITHER FOR A DEDICATED KUBUNTU 7.04/8.04 SYSTEM INSTALLATION OR FOR A MAC OS X v 10.4/10.5/10.6 ONE. IF ANOTHER OPERATING SYSTEM IS INSTALLED, IT WILL BE PERMANENTLY DELETED!

Organization and content of this manual

Specifically, this manual contains the following chapters:

Chapter 1 – Installing Kubuntu 7.04/8.04
This chapter provides procedures to successfully install Kubuntu 7.04 or 8.04.

Chapter 2 – Installing X11 without having to reinstall Mac OS X
This chapter provides procedures to install X11 without having to completely reinstall your existing OS.

Chapter 3 – Installing the Caldera Graphics software
This chapter provides instructions to successfully install your Caldera Graphics software.

Appendix – Caldera Graphics registration and licensing
This appendix provides procedures to register your Caldera software and to activate your licensing key.

Conventions used in this manual

The present manual uses the following conventions:

Bold	Bold characters in the middle of a text string refer to keys or to the graphic interface. For instance: “Press the Return key”. “Click the OK button”.
Italic	Italicized characters in the middle of a text string refer to screen

labels. For example:

"From the *Package Group Selection* window..."

Bold-Italic Bold and Italicized characters in the middle of a text string refer to unique text entries. For example:

"Type the **<*machine name*>** in..."

NOTE A NOTE provides information for the preceding procedure.

In cases where a procedure is different depending on the systems, a background color will be used:

Kubuntu	Mac OS X v 10.4, v 10.5 and v 10.6
Procedures on a Kubuntu system.	Procedures on a Mac OS X system.

Minimum hardware requirements

For a Mac OS X v 10.4/10.5/10.6 installation

The use of the Caldera software is only supported on systems that are dedicated to that use. A complete system matching the following hardware requirements must be dedicated to the Mac OS X v 10.4/10.5/10.6 operating system and the Caldera Software.

The minimum recommended hardware requirements are:

- Power Mac G5
- 1 Gb RAM
- At least 20 Gb available for Mac OS X v 10.4/10.5/10.6 and software installation on your hard drive, and enough space to properly use our products, depending on your needs

Optional recommended hardware:

- SCSI controller (ATTO Express PCI 4L4S)
- 3 buttons USB mouse.

For a Kubuntu 7.04/8.04 installation (included in Caldera Graphics delivery)

A complete system matching the following hardware requirements must be dedicated to the Kubuntu 7.04 or 8.04 operating system and the Caldera software:

- Processor – Pentium 4 or AMD Athlon recommended

- Memory – 512 Mb RAM (extendable to 1 Gb). Note: 1 Gb is recommended for *ReproShop*
- Hard Drive – 18 or 36 Gb SCSI Ultra Wide 3 – 10K rpm – SATA on Adaptec 29160 board LVD 160 compliant
- Floppy – 3.5" (1.44 Mb)
- Mouse – USB or PS/2 3 buttons
- Video Board – ATI 32 Mb, Matrox G450/G550, Nvidia GeForce or any video board supported by Kubuntu 7.04/8.04
- Monitor – 17" or 19" (minimum resolution of 1280 x 1024)
- CD-ROM – 52X, or DVD-ROM
- Ethernet board – 100 MB – RJ 45 connector
- I/O Ports – 2 serial ports, 1 parallel port, 2 USB ports
- Dongle – Caldera Graphics dongle with 25 pin to 9 pin serial adapter, or USB dongle.

Kubuntu 7.04 and 8.04 can handle a large number of hardware devices; however, this list is far too long to be quoted here.

Software requirements

The Caldera installation requires the system installation CDs (Mac OS X v 10.4, Mac OS X v 10.5, Mac OS v 10.6 or Kubuntu 7.04/8.04) and the Caldera Graphics installation DVD.

Mac OS X v 10.4 Tiger	Mac OS X v 10.5 Leopard
• Mac OS X v 10.4 Install DVD. • Caldera Graphics Software DVD.	• Mac OS X v 10.4 Install DVD. • Caldera Graphics Software DVD.

Mac OS X v 10.6 SnowLeopard

- Mac OS X v 10.6 Install DVD.
- Caldera Graphics Software DVD.

Kubuntu 7.04/8.04 (delivered with the Caldera Graphics package)

- Kubuntu 7.04/8.04 Installation DVD
- Caldera Graphics Software DVD

Installing Kubuntu 7.04/8.04 (included in the Caldera delivery)

This chapter describes the procedures to follow in order to install the Linux Kubuntu 7.04 “Feisty Fawn” or 8.04 “Hardy Heron” operating system.

Overview

If you do not have a Kubuntu operating system already installed, you will need to perform a new installation.

To ensure that your Caldera Graphics software works properly, please only install the version of Kubuntu that comes with your package: indeed, it contains many presets and customized disk partitioning, and is easier to install than the original version.

IMPORTANT: Any other distribution is not guaranteed to work. If you still wish to use the original Kubuntu 7.04 or 8.04 distribution, please download the *Kubuntu-7.04-desktop-i386.iso* or *Kubuntu-8.04-desktop-i386.iso* file from the Kubuntu website at the following URL: http://www.kubuntu.com/download.php#latest. Do not download the AMD64 or DVD versions, which have not been tested and therefore may not work. Please also note that the Caldera software will NOT work on a standard Ubuntu system, since it requires the KDE window manager.

Pre-installation requirements

Before you perform the actual installation, ensure that your BIOS is set with the CD/DVD-Rom drive as the first item to be launched in the boot sequence.

Installation procedures

Here are the steps you have to follow to perform the Kubuntu 7.04/8.04 installation:

1. Use the *Kubuntu 7.04/8.04 Installation* DVD to boot your system.
2. System language selection
3. Time zone selection
4. Keyboard selection
5. Partitioning the hard disk
6. Creating the first user
7. Finalizing the installation.

Boot the system

To boot the system:

1. Insert the *Kubuntu 7.04/8.04 Installation DVD* into the DVD-Rom drive.

2. Turn on the system. The system will automatically boot from the CD. After booting, the software will display the main installation window.

3. When the Kubuntu boot menu shows up, you can press F2 to change the language of the installation interface, and F3 to change the keyboard layout. This will not affect the system language and keyboard that will be installed later on.

NOTE: For a Kubuntu 8.04 installation, this step is different. First you have to choose the language of the installation interface and press Enter. Then choose Install Kubuntu, and press Enter again.

4. Select Start or install Kubuntu and press Enter to begin the installation.

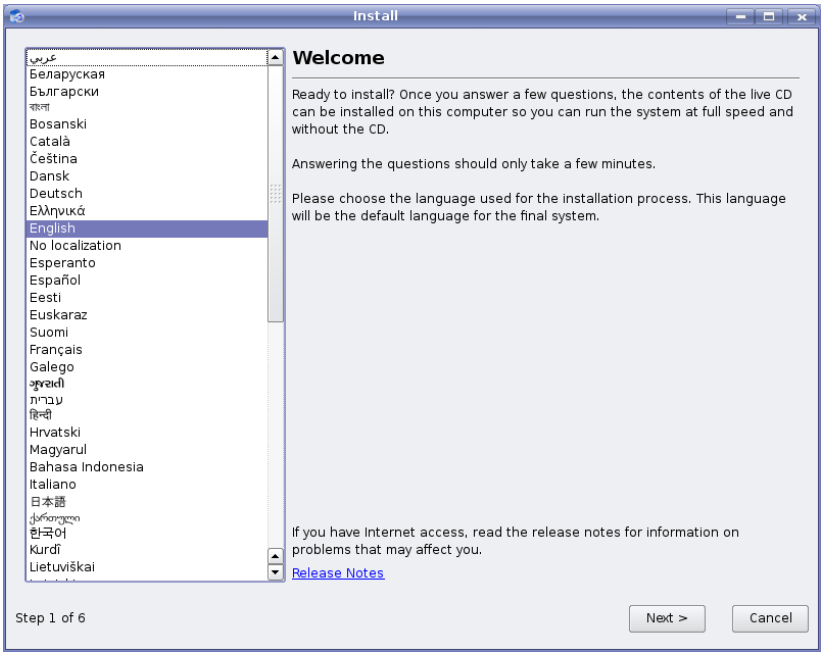
NOTE: If you do not touch the keyboard, this step will be performed automatically after 30 seconds.

5. Wait for the Live System desktop to appear, then do a single-click on the Install icon in the top left corner.
This will execute the installation process.

NOTE: There are six steps to perform here. The current step is indicated in the bottom left corner of the installation window.

System language selection

1. In the first window of the installation wizard, select the system language by highlighting the desired language. The system will automatically determine the appropriate language parameters.



2. Click Next.

Time zone selection

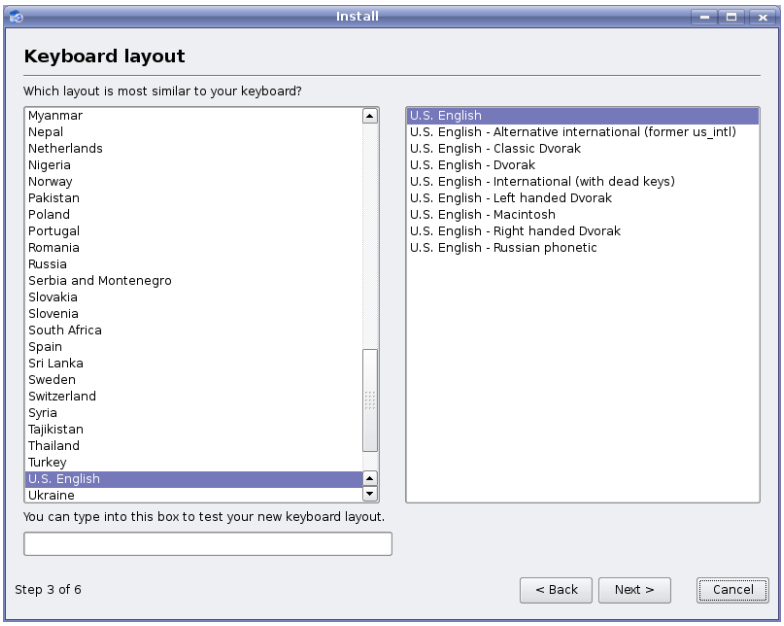
1. Select the time zone by clicking on the map, or by directly selecting a city in the *Selected city* options list.

Install
Where are you?
Select a city in your country and time zone. If the indicated current time is incorrect even after selecting the correct time zone, you can adjust it after rebooting into the installed system.
Rothera
Selected city: Paris
Selected region: France
Time zone: CEST (GMT+2:00)
Current time: 03:29:14 PM
Step 2 of 6
< Back
Next >
Cancel

2. Click Next.

Keyboard selection

Select your keyboard layout. If you wish, you can even test special characters specific to your language to make sure that the new layout is working as intended.

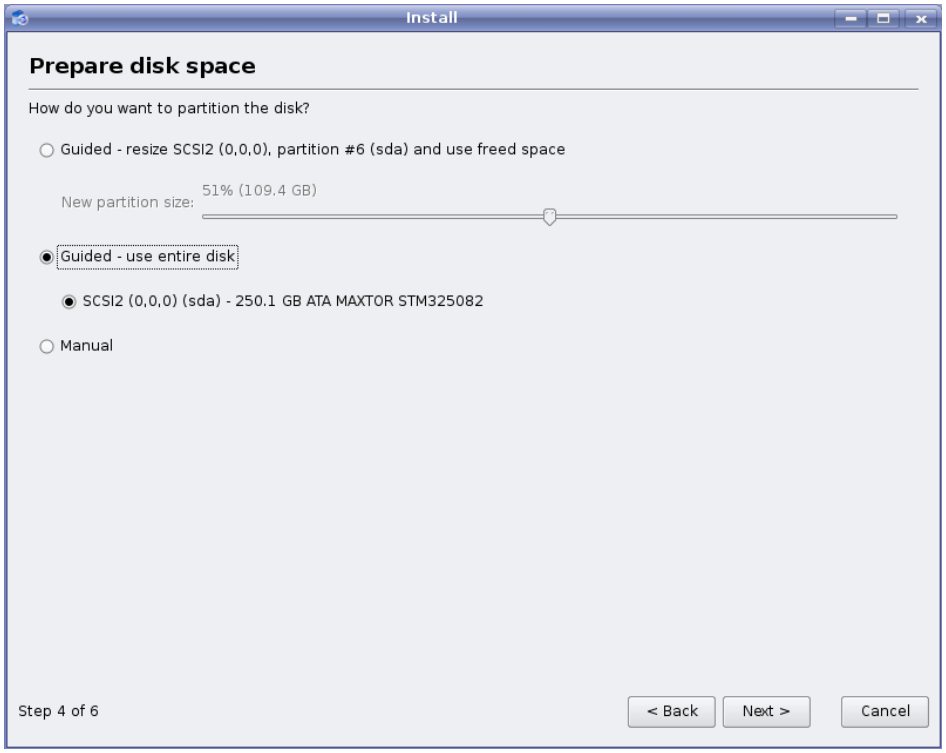


When this is done, click Next.

Partitioning the hard disk

This is where the partitioning of the hard disk will be set up.

The Caldera Kubuntu 7.04/8.04 CD features a fully automated partitioning process. You simply have to select the Guided – Use entire disk item in the list of available choices. This will create a 15 GB root partition and a swap partition, the size of which depends on the amount of RAM in your machine; as for the remaining disk space, it will be used for data storage.


Install
Prepare disk space
How do you want to partition the disk?
Guided - resize SCSI2 (0,0,0), partition #6 (sda) and use freed space
New partition size:
51% (109.4 GB)
Guided - use entire disk
SCSI2 (0,0,0) (sda) - 250.1 GB ATA MAXTOR STM325082
Manual
Step 4 of 6
< Back
Next >
Cancel

Warning: Using the automated partitioning process will erase all data previously stored on the disk. If you want to preserve one or more partitions and/or if you need to dual-boot your computer with another operating system, please use the Manual partitioning method instead. The same thing applies if you have more than one hard disk, since the guided partitioning will only use one of them.

If you wish to use the Manual partitioning mode, make sure to follow these instructions:

1. Create a root partition with the following specificities:

- *Size:* 15 GB
- *Filesystem:* Ext3
- *Mount point:* /

2. Create a swap partition with the following specificities:

- *Size:* 100% to 200% of the RAM of the machine

3. Create a data partition with the following specificities:

- *Size:* As large as you can
- *Filesystem:* Ext3
- *Mount point:* /home

Click the Next button.

Creating the first user

1. It is now time to enter some basic personal information and create a user who will have administration rights on your system.

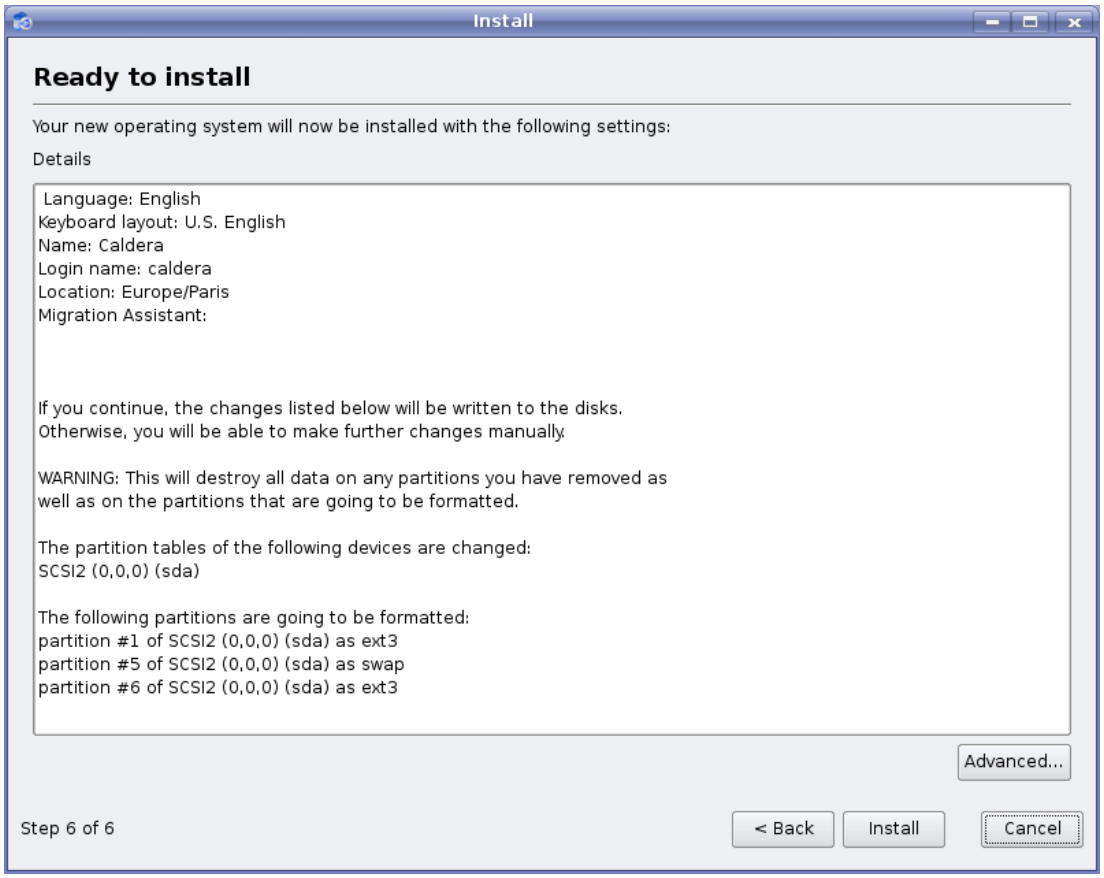
When using the Caldera Kubuntu CD, all the fields here are already filled. The user account that is created this way is *caldera*, and its password is *caldera* as well. You can modify them if you wish, but be aware that this could cause problems later on in case you would need the Caldera support team to help you with troubleshooting tasks. However, you can safely change the name of the computer itself, which will be necessary if you are installing more than one Caldera machine on your network.

Install
Who are you?
What is your name?
caldera
What name do you want to use to log in?
caldera
If more than one person will use this computer, you can set up multiple accounts after installation.
Choose a password to keep your account safe.
****
****
Enter the same password twice, so that it can be checked for typing errors.
What is the name of this computer?
caldera-desktop
This name will be used if you make the computer visible to others on a network.
Step 5 of 6
< Back
Next >
Cancel

NOTE: The account created here will be considered a system administrator. In Kubuntu, the root account cannot be accessed directly, and only administrators can use its specific features.

2. Click the Next button.

Finalizing the installation


Install
Ready to install
Your new operating system will now be installed with the following settings:
Details
Language: English
Keyboard layout: U.S. English
Name: Caldera
Login name: caldera
Location: Europe/Paris
Migration Assistant:
If you continue, the changes listed below will be written to the disks.
Otherwise, you will be able to make further changes manually.
WARNING: This will destroy all data on any partitions you have removed as well as on the partitions that are going to be formatted.
The partition tables of the following devices are changed:
SCSI2 (0,0,0) (sda)
The following partitions are going to be formatted:
partition #1 of SCSI2 (0,0,0) (sda) as ext3
partition #5 of SCSI2 (0,0,0) (sda) as swap
partition #6 of SCSI2 (0,0,0) (sda) as ext3
Advanced...
Step 6 of 6
< Back
Install
Cancel

1. Click the Install button. The installation process will then begin; it may take a little while, so do not be surprised.

2. When the installation is complete, restart your computer.

3. The CD tray will open. Remove the CD, and press the Enter key to reboot the computer, as indicated on the screen.

4. After the computer has rebooted, log in with the account created at the *Creating the first user* step. The username and password are normally *caldera*.

Installing X11 without reinstalling Mac OS X

The Caldera Graphics software requires having X11 installed on your computer. If it is not the case, you will not be able to use our product. However, if you already have a Macintosh with OS X installed, it is very likely that you do not want to perform a reinstallation of your machine. Therefore, this chapter will explain how to install X11 without having to completely reinstall your operating system.

Installing X11

To install X11 on your existing Mac OS X system, you must have the OS X DVD that was delivered with your computer.

1. Insert the DVD in the drive.

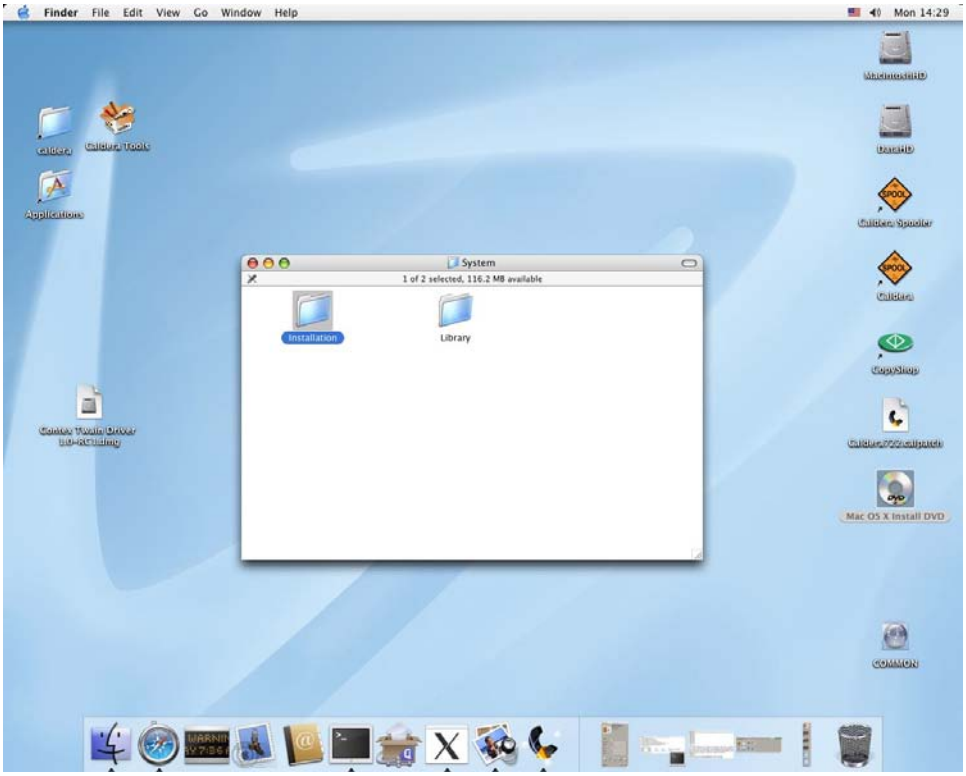
2. A window displaying the contents of the DVD will immediately open.
   Click in this window to make it active.

3. While this window is selected, go in the *Finder* menu, and select Go, then Go to folder.

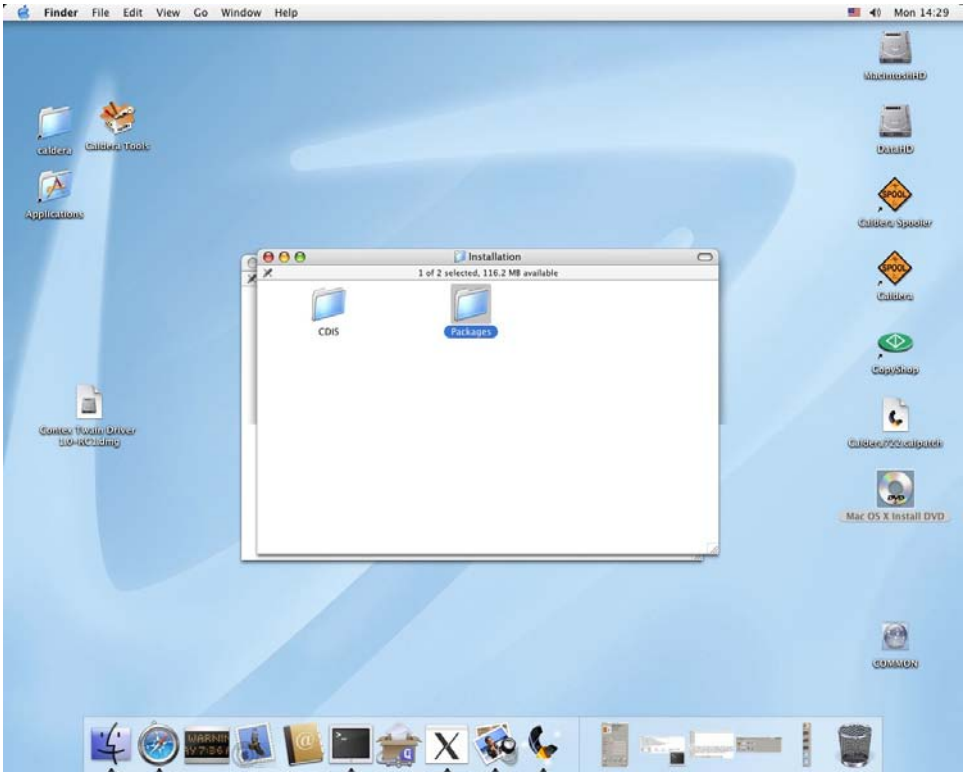
4. In the *Go to the folder* dialog box, type ***System/***.

5. A hidden folder will then appear.

6. Browse to *Installation*…



7. …then to */packages*.



8. Double-click the X11User.pkg icon to start installing X11.

Installing the Caldera Graphics software

This chapter provides procedures to successfully install Caldera Graphics software on Kubuntu and Mac OS X systems.

The installation program can be run either in *Simple* or in *Advanced* mode. The *Simple* mode uses predefined default values for most configuration options. Nevertheless, it lets you choose products, printers, cutters and scanners to install.

The *Advanced* mode allows you to configure more options, such as the installation directory and the license server.

NOTE: When a procedure is part of the *Advanced* installation only, you will be warned about it, and invited to jump to the next step directly.

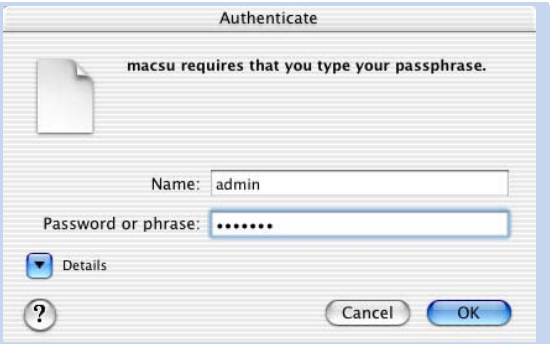
Starting the installation

To open the Installation program:

On a Kubuntu workstation	On a Macintosh workstation
1. First, log in as the "caldera" user that was created during the installation. Normally, username and password should both be *caldera*. 2. Insert the Caldera Installation DVD. The system will then ask you what you want to do. Select Open in new window and click OK. This will open a Konqueror window displaying the contents of the disk. If it is empty, press F5 until the contents of the DVD are finally shown. 3. Click on the Install icon (not the one named *CalderaInstall.app*). When asked, input your password. The installation program should start. NOTE 1: When you install the software for the first time, clicking the Install icon may sometimes display a text editor instead. If this happens, do a right-click on the Install icon, then choose Action > Run as Root. NOTE 2: In case the system you have installed	1. If you are not already logged in, log in with any account. 2. Double-click the CD-ROM icon, then the Caldera.Install icon. 3. When asked for authentification, enter an administrator name and password. You need to enter this password, as the following procedures will require the installation of some system files. NOTE: Admin appears by default in the *Name* field, since it is the first account that has been created after the installation.

is an official Kubuntu 7.04/8.04 release, you will be unable to start the installer script (instead, it will simply appear in a text editor). You will therefore need to perform the following steps:

- Open a console terminal (K menu>System>Konsole (Terminal program)).
- Type the following command: sudo mount -o remount, exec /media/cdrom.
- When prompted, enter your password (normally, it is *caldera*).
- Click the Install icon on the CD.

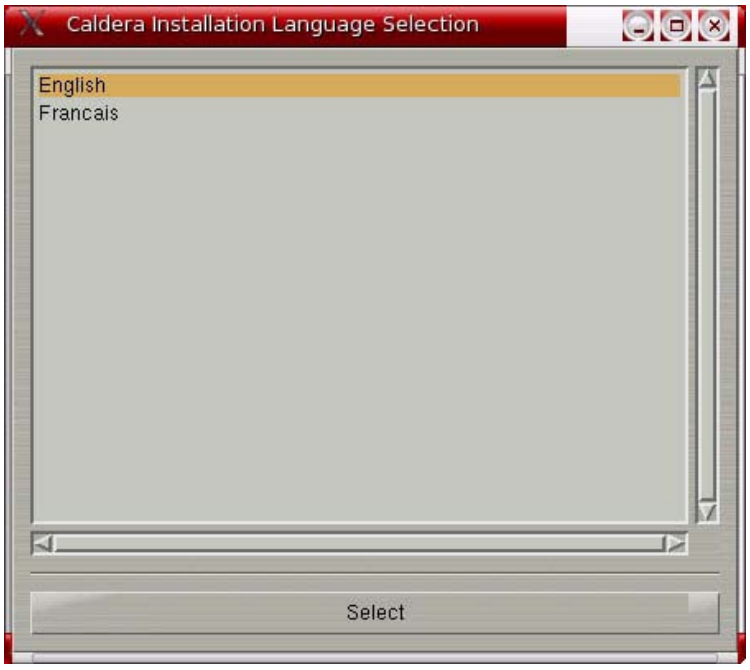


If you do not have an X11 server, it will be installed now. This procedure may last a few seconds. The installation wizard will then open.

NOTE: Whether you are running a Mac OS X v 10.4/10.5/10.6 or a Kubuntu 7.04/8.04 operating system, this installation will follow almost the same procedure. You will however be warned each time a difference is encountered.

Language selection

In the *Language Selection* window, choose the language in which you want your Caldera Graphics solution to be installed. Then click Select**.**

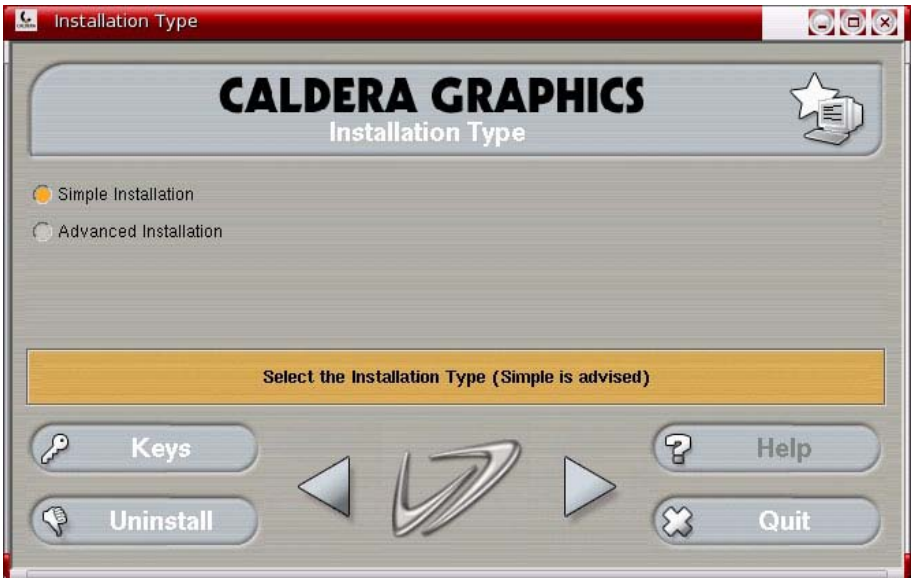


Starting window

The next window is only the presentation screen. Here, click the right arrow (which stands for "Next", the same way the left arrow stands for "Previous") at the bottom of the window.

Installation mode

You can choose whether you want to perform a *Simple* or an *Advanced Installation*. Press the Next arrow button to continue.



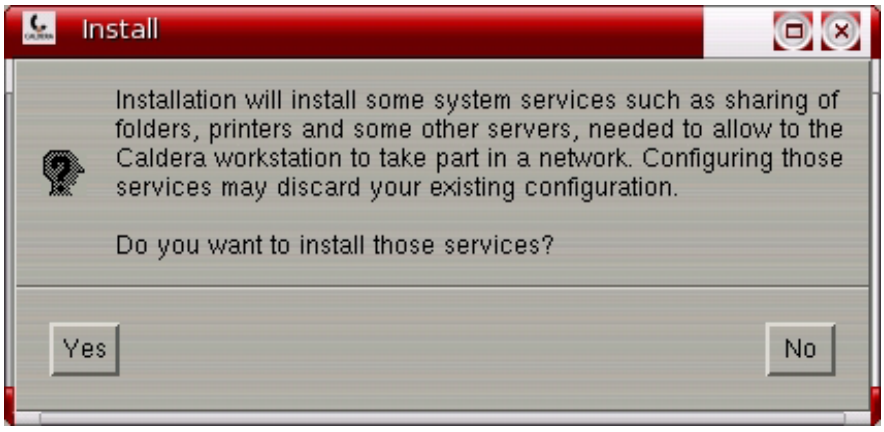
NOTE: We recommend that you use the *Simple Installation*. The *Advanced Installation* will allow you to install the Caldera Graphics software packages when the key server is located on a separate workstation, and to customize some system services.

System services selection

1. You will then be asked if you want to install some system services or not. These services are used by the Caldera Graphics software in order to be well integrated to a network environment. However, be aware that this may break your previous configuration in case you are installing on an already existing system and you were using these services.

The concerned services are mainly the disk and printer shares, and web and FTP servers.

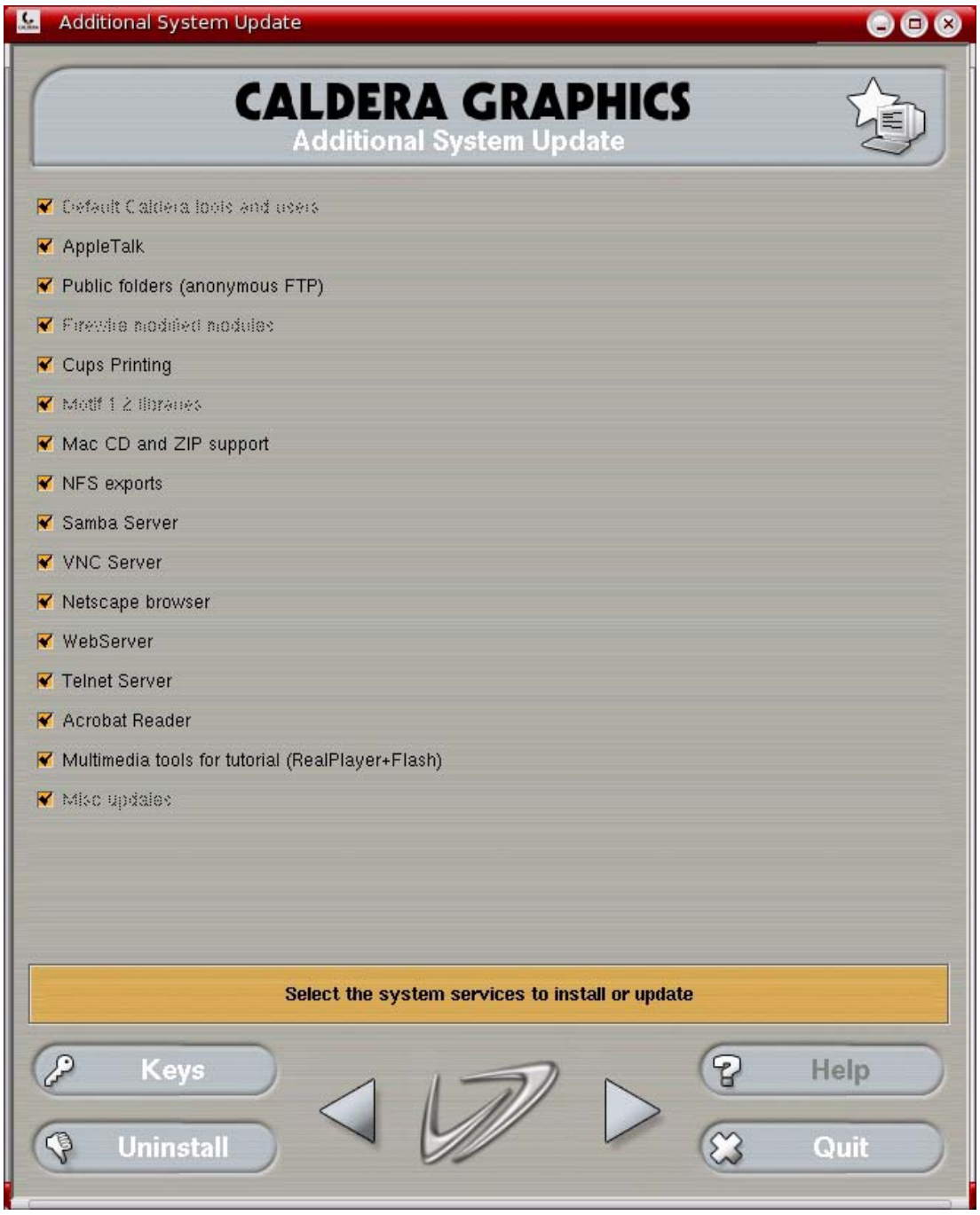
On a newly installed system, you can press Yes without problems.


Install
Installation will install some system services such as sharing of folders, printers and some other servers, needed to allow to the Caldera workstation to take part in a network. Configuring those services may discard your existing configuration.
Do you want to install those services?
Yes
No

2. This step is part of the ***Advanced*** installation**.** If you're performing a *Simple* installation, jump directly to the next step.

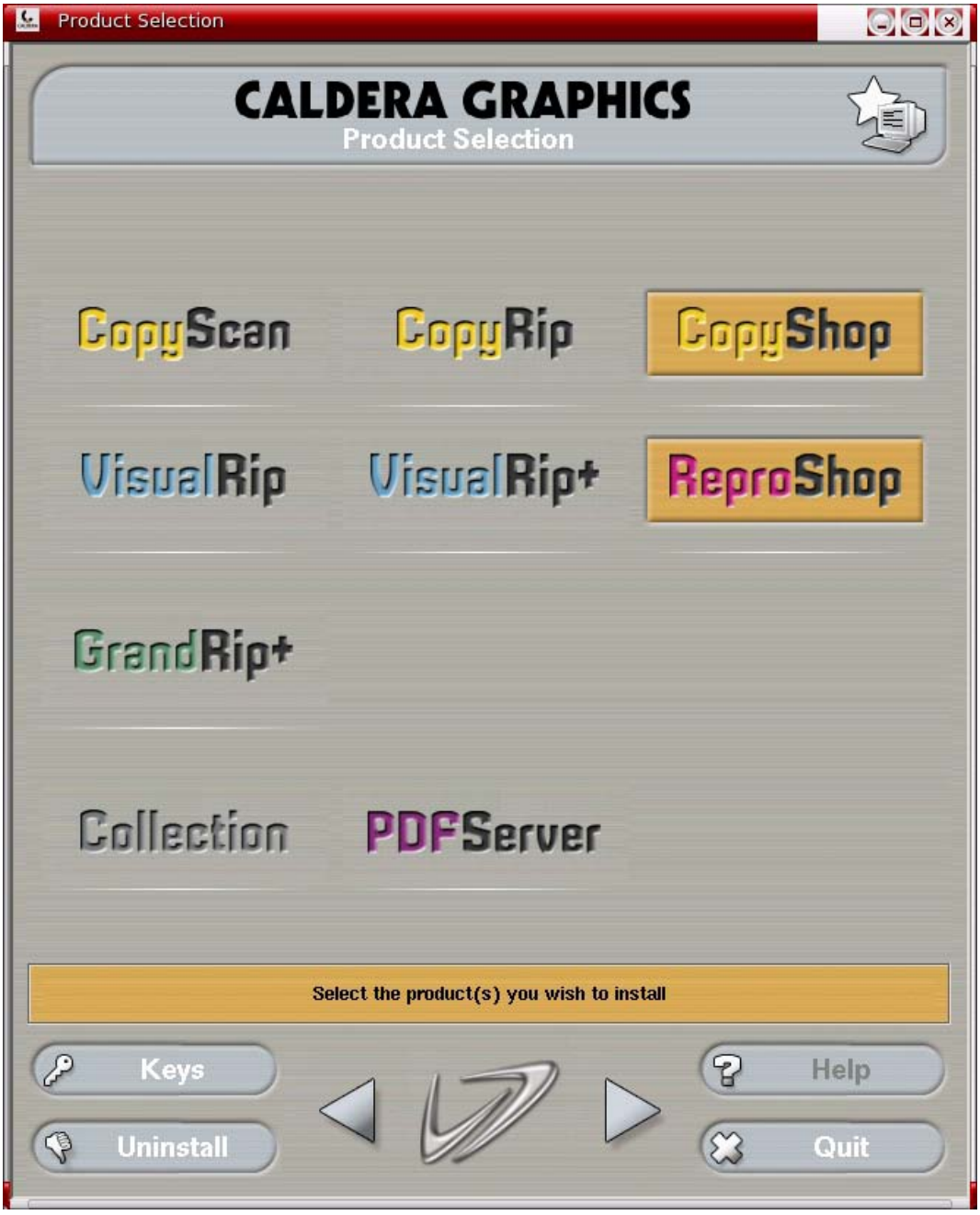
In *Advanced* mode, you can choose the system enhancements you wish to install: Public Folders (anonymous FTP), CUPS printing, Telnet server...

NOTE: Depending on your operating system, the services shown in the following screenshot may differ from those you will actually see on your screen when performing your installation.



Product selection

Highlight the product(s) that you want to install, and press the Next arrow button.

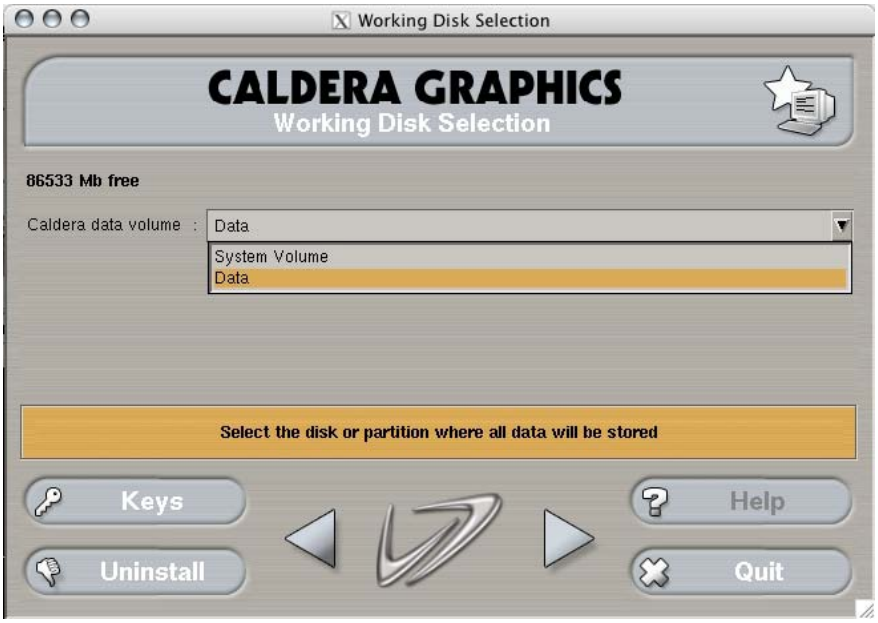


Advanced configuration

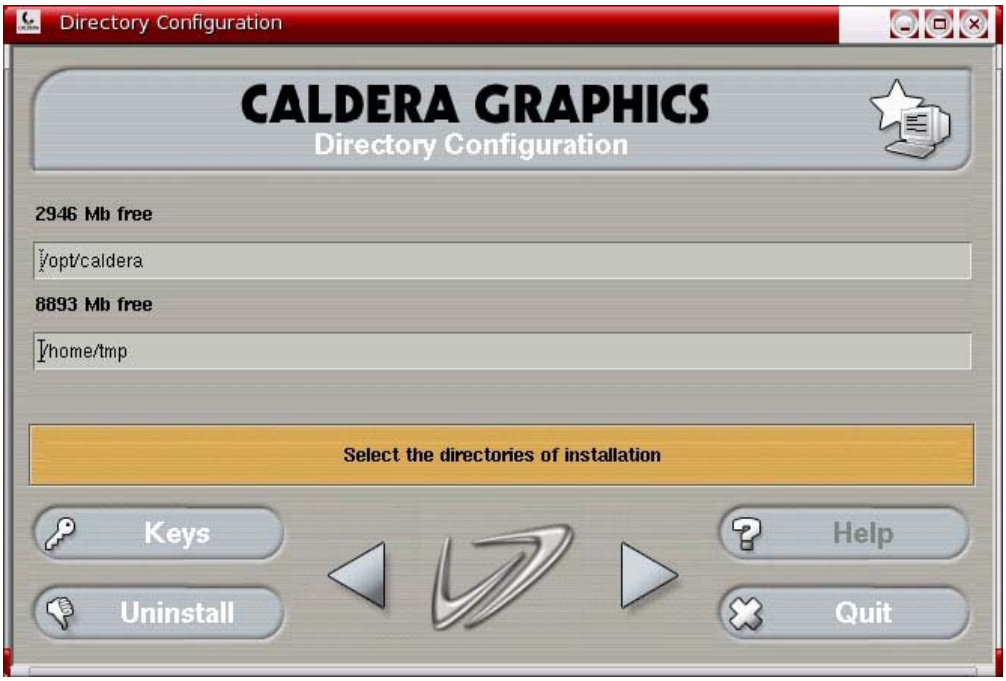
The following steps are part of the ***Advanced*** installation only. If you're performing a *Simple* installation, please go directly to the next step (*Printers selection*).

1. On a Mac OS X system only: in case your system has multiple partitions or disks, you can put all data on a volume separated from the system. This is highly recommended. Choose the volume that you wish to use for your Caldera Graphics data, and click Next.

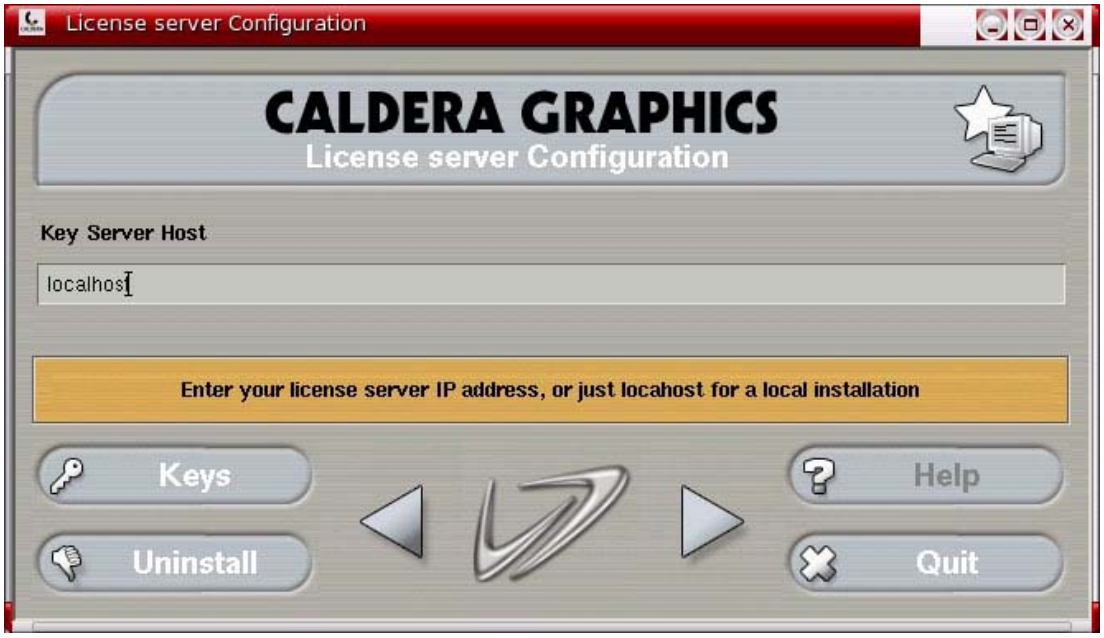
By default, the appropriate directory is already selected.



2. On a Kubuntu 7.04/8.04 system only, set up the installation directory (the place where all Caldera executables and data will be written) and the temporary directory (the place where all temporary data will be written when the software is running).

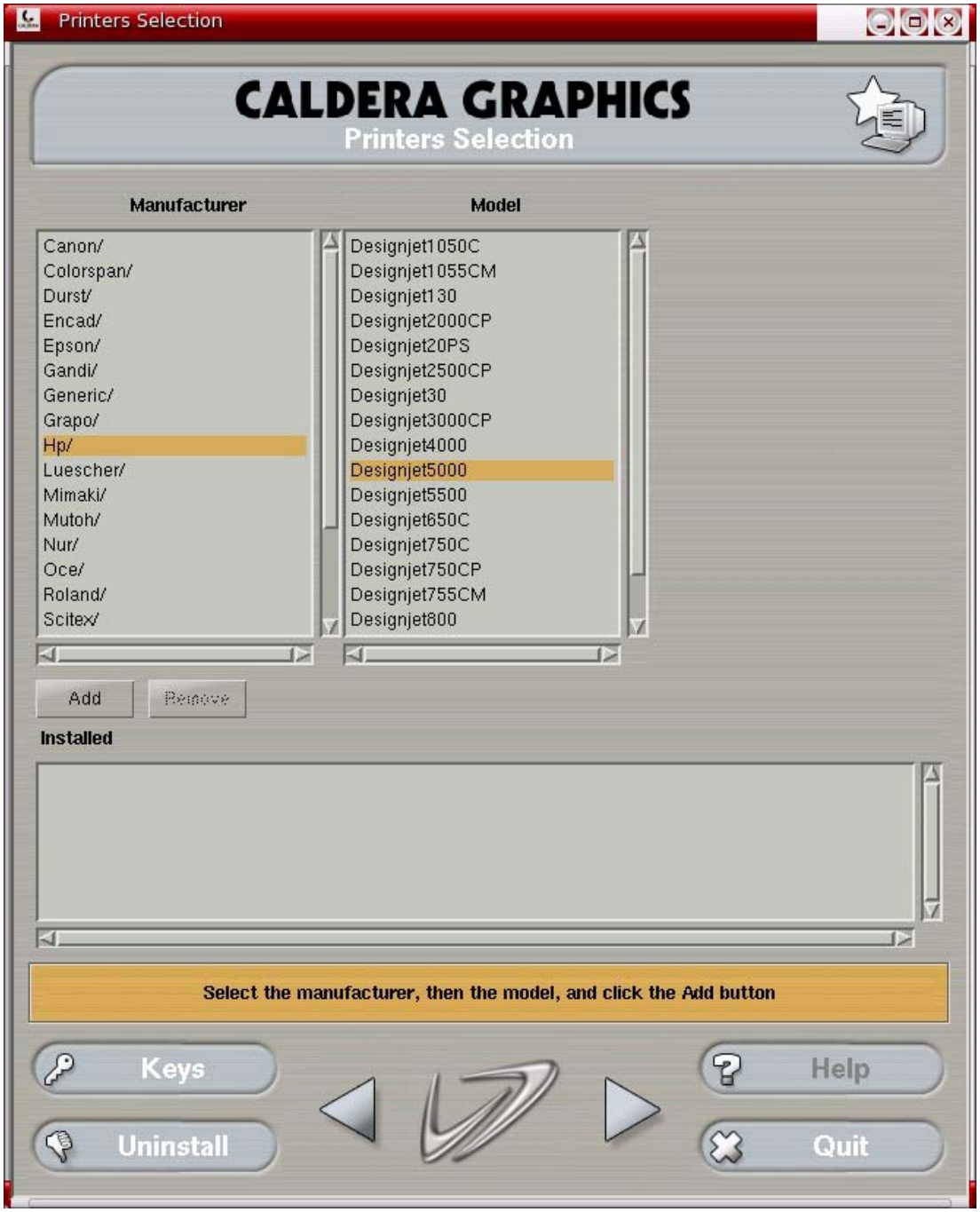


3. In the *Key Server Host* field, set up the name or the IP adress of the machine that will act as your key server. Type localhost for a local keyserver.


License server Configuration
CALDERA GRAPHICS
License server Configuration
Key Server Host
localhos
Enter your license server IP address, or just locahost for a local installation
Keys
Uninstall
Help
Quit

Printers selection

Here, you can choose the printers you want to install. Add as many printers as you need by using the Add button. You will have to specify some information, such as the number of servers to install or the name of the printer. Depending on the printer, you may also need to select the connection type. The example given here is for an HP Designjet 5000:



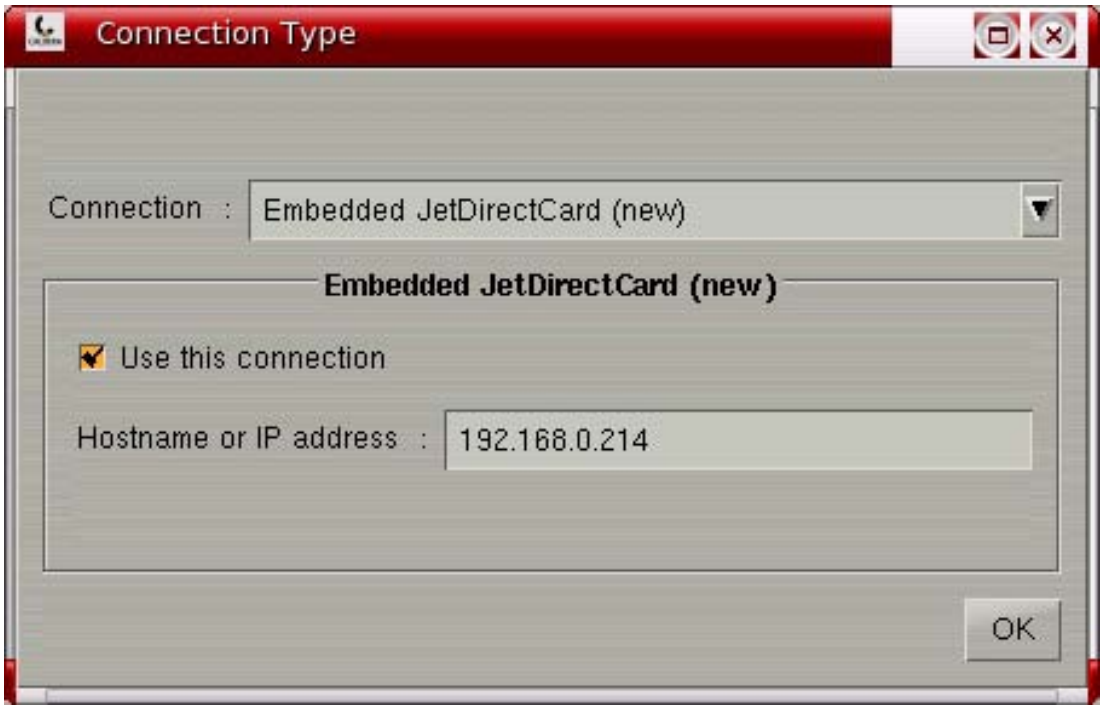
1. Select your printer and click Add.

2. Type in the number of servers to install (corresponding to the number of printers) and click OK.

3. Name your printer.

4. Choose the printer connection type (you can keep the default connection). Then click OK.

NOTE: In the case of a network device, you must type in its IP address.



Cutters selection

In the *Cutters* window, you can select which cutters to install. The process is basically the same as for the printers.

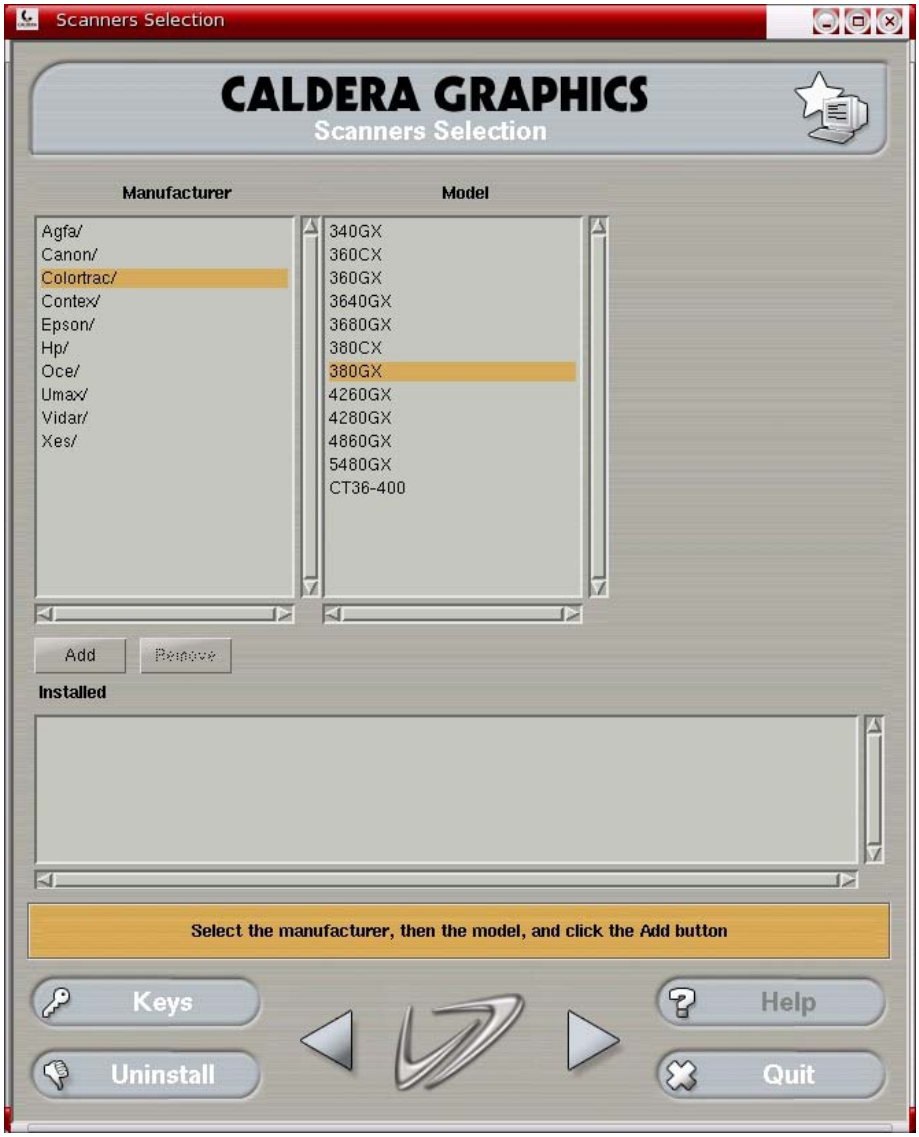
1. Select your cutter and click the Add button.

2. Type in the number of servers to install and click OK.

3. Name your server and click OK.

Scanners selection

Finally, the selection of scanners is the last step before installing all the files.



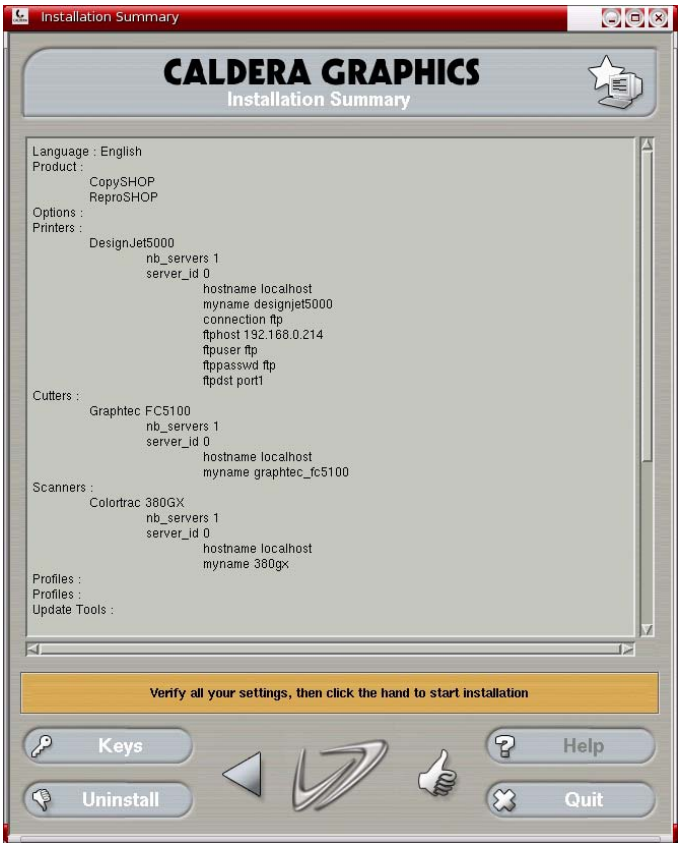
1. Select your scanner and click the Add button.

2. Type in the number of servers to install and click OK.

3. Name your server and click OK.

Summary screen

This window shows a summary of the different products and options you have selected. If you agree with these choices, click the thumb icon to install.



At the message: *Are you ready to proceed?*, click Yes.

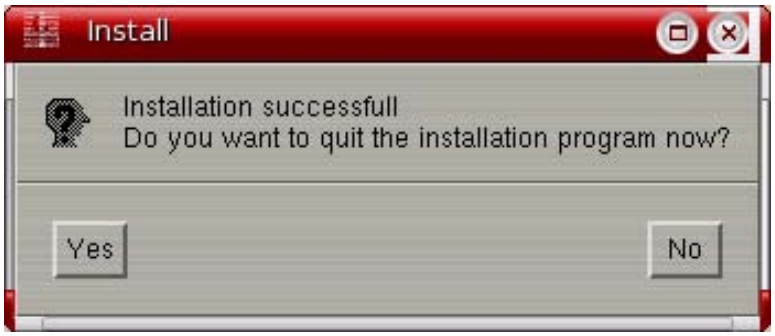
The installation program will then copy the required files to the disk. Please wait until it is finished.

Finishing the installation

When the installation is complete, click OK...

Install
Caldera is now installed
In order to receive license authorization, please register on the Caldera web site http://www.caldera.fr
OK

...then Yes.



Finally, log out and reboot your system.

Appendix - Registration & Licensing

This appendix provides procedures to register your Caldera Graphics software and to activate your license keys.

Registration

Registration occurs after the Caldera Graphics software is installed. After installation, the installer must perform the following tasks:

1. Complete the registration form located on the Caldera website (http://www.caldera.eu), in the Support > Product Registration part.

To register, you will need the following information:

- The product access number that was provided with the software
- The serial number of the dongle, or the ID number of the computer
- Necessary end user information (name, address...)
- A valid e-mail address. This address will be used to send you keys, software updates, and so on. Please fill in the mandatory fields accordingly.

NOTE: Be aware that the information you provide will be used to send you keys, software updates, etc. Therefore, please try to fill in all the information fields.

After you register, you will receive confirmation via e-mail summarizing the information you have provided.

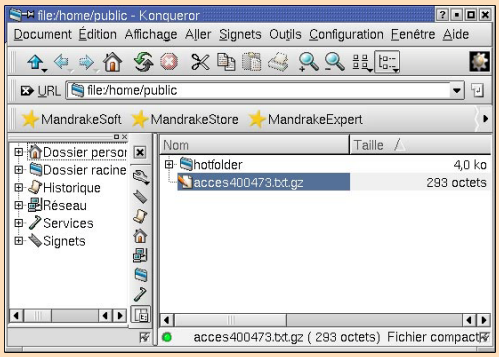
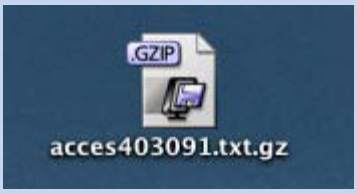
2. Caldera Graphics will check and process your request. You will then be able to download your key from our website (*Support* section), by inputting the access codes you are given in an e-mail.

This key is a file that you must insert into your system. Your key remains valid for 60 days. This 60-day time period is your warranty period. During this time you can access Caldera Graphics' hotline by telephone, fax, or e-mail. When you contact the Caldera Graphics support, remember to always give your product access number.

Installing the license key

1. To install your licence key, you must first retrieve the key file that has been provided to you.

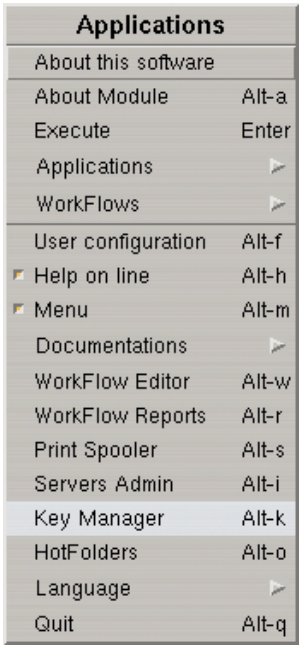
Warning: It is important to leave this file compressed, i.e. with its [.txt.gz] format!

On Kubuntu	On Mac OS v 10.4 Tiger, v 10.5 Leopard & v 10.6 Snow Leopard
a. If you downloaded your key, copy it in the *public* directory on your hard drive (this directory is located in **file:/home/public**). This key is a *txt.gz* file.  b. If you received your key on a floppy disk, and not by e-mail, just insert the disk in your computer. The key file is located in the file: */mnt/floppy* directory.	If you have downloaded your key, drag and drop it onto your Desktop area. This key is a *txt.gz* file. 

2. Open the Caldera Graphics software (*Reproshop*, *VisualRIP*, *Copyshop*, etc...) by double-clicking its icon on the Desktop.

3. Open the *Key Manager* module.

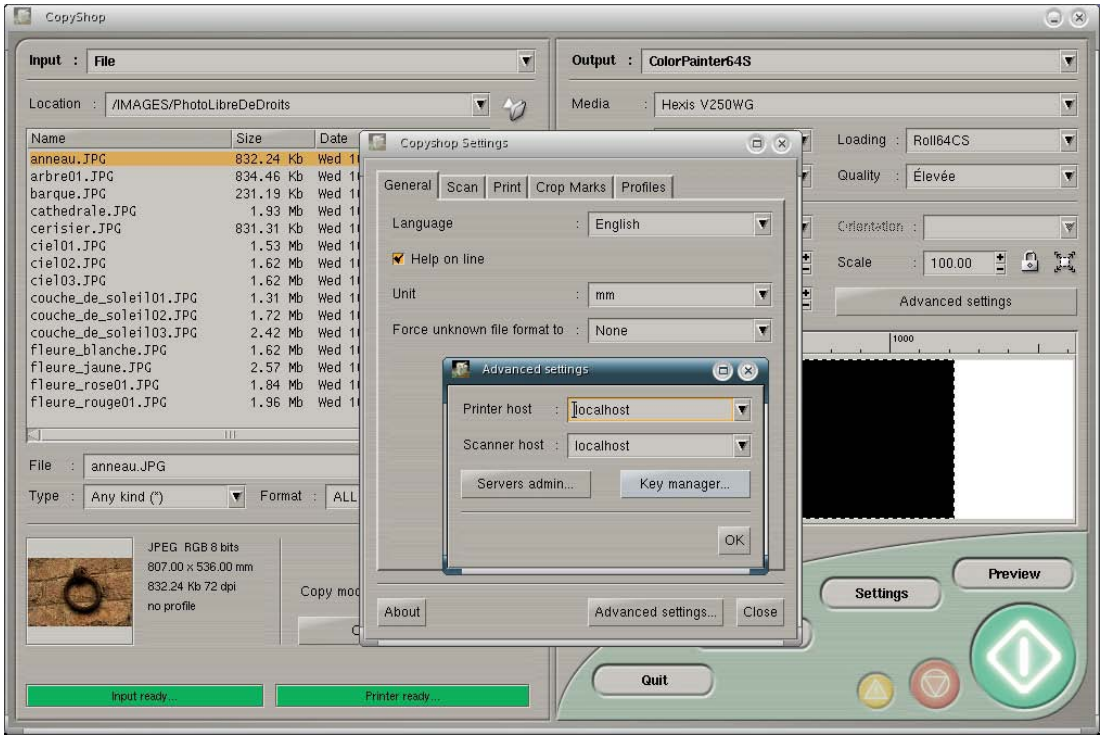
a. From a *Visual* product (*Reproshop*, *VisualRip+*...):



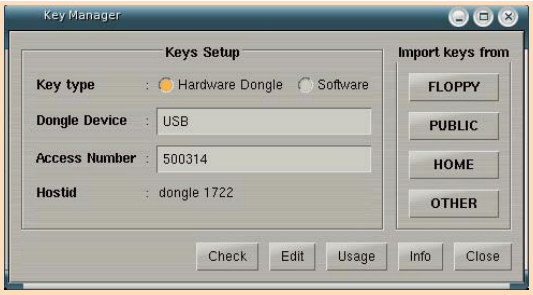
Right-click the Application bar to display the *Application* menu and select the Key Manager entry (or alternatively, double-click the *Key Manager* icon in the *Settings* Tab).

b. From a *Copy* product (*CopyShop*, *CopyRip*, etc...):

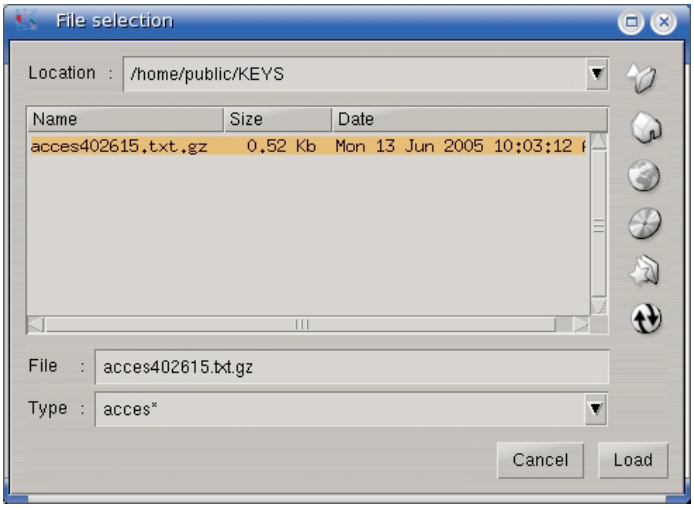
Click the Settings button, then the Advanced Settings button, and finally the Key Manager button.



4. In the window that appears, you must now import the key file:

On Kubuntu	On Mac OS 10.3 Panther, v 10.4 Tiger & v 10.5 Leopard
	
Click the PUBLIC button if you have downloaded the keys (and if you saved the file *in /home/public*), or the FLOPPY button if you received a floppy.	Click the DESKTOP button if you saved the key file on your desktop.

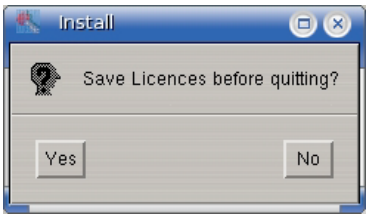
NOTE: In case the key file is in another directory, click the OTHER button, select the file in the browser, then click Load:



5. Once you have processed and loaded the keys, the *All Keys Are OK* window will appear. Click OK.

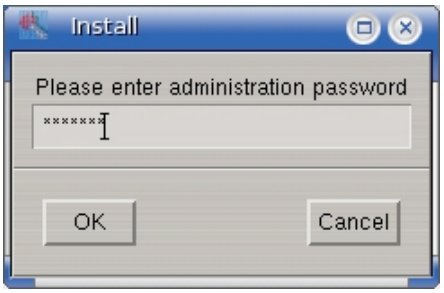
6. In the *Key Settings* window, click Close.

7. Another window will then appear, with the following text: *Save Licences before quitting?*

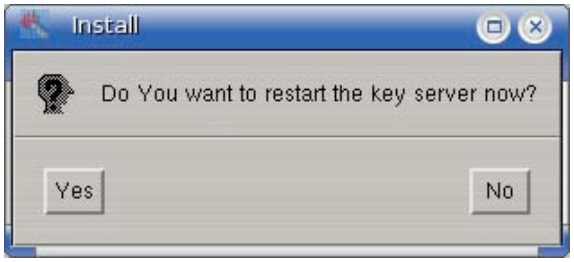


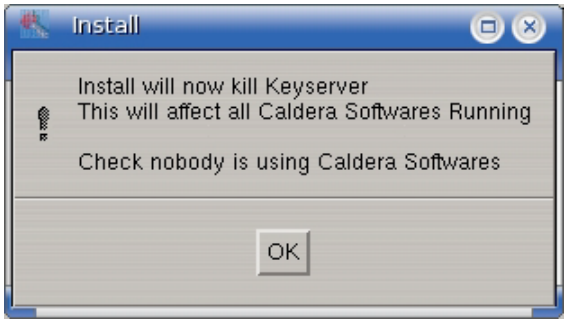
To save the license, click Yes.

8. In the next window, type the Caldera Graphics administration password, which should normally be *caldera*.



9. Click Yes, then OK to restart the key server.




Install
Install will now kill Keyserver
This will affect all Caldera Softwares Running
Check nobody is using Caldera Softwares
OK

Within 10 to 12 days before the end of your warranty period, you will receive a final key, that you will also have to download. When you receive this final key, use the same procedure as previously described to import it into your system.

NOTE: If you want to be able to access the Caldera Graphics hotline support beyond the initial 60-days warranty, you must subscribe to a maintenance service pack for your Caldera Graphics software package. This will also give you access to minor as well as to major releases.